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MORRIS, TASKER & CO.,

Works No. 5th and Tasker sts.,

Office 200 So. Third st.,

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Manufacturers of

LAP-WELDED

OIL WELL

TUBE & CASING,

Wrought Iron

Welded Tubes,

In and Galvanized, from

1-8 inch to 8 inch inside

diameter.

Lap-Welded Boiler Tubes,

(from 1/4 to 10 inches, outside diameter; in lengths

4 to 16 feet under, made of best American

Steel.)

Screwing Machines,

and a full assortment of

GAS AND STEAM FITTERS'

TOOLS AND MATERIALS,

Cast and Malleable Iron Fittings,

BRASS AND IRON BODY VALVES

AND COCKS,

of all sizes from 1/4 inch to 18 inch.

Gas Works, Lamp

Posts, &c.

Our Oil Well Tubes are tested

before leaving our works, with

a pressure of 1,200 lbs. to the

square inch. Each length is

stamped near the screw with our

trade mark—the sockets

are not.

BRANCH OFFICE

FERTIG BLOCK,

Titusville, Pa.

MANUFACTURERS OF

LAP WELDED

Tubing & Casing

Both Plain and Galvanized,

for Oil and Salt Wells.

American Charcoal

Iron Boiler Tubes,

Lap Welded Tubing for

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SOLE MANUFACTURERS OF

W. O. ALLISON'S

PATENT JOINT

II Well Tubing.

For Safe Cheap.

Capacity from 43 to 50 bbls

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MISCELLANEOUS.

Plumbing and Gas Fitting.

The largest and cheapest stock of

GAS FIXTURES

And Plumbers' Materials in

the City.

The subscriber having secured the services

of a first class Plumber and Gas

Fitter, who will do all the work

at reasonable rates. All work from this day

forward, will be done at the office of the

Gas Company, at

SPRING ST. UNDER SECOND NATIONAL

BANK.

Will be promptly attended to.

JOHN O'NEILL.

FARRAR & TRETT'S

STEAM ENGINE

AND

BOILER WORKS

OF BUFFALO.

Stationary and Portable,

On hand and for sale, delivered at any point in

the State.

We guarantee these Engines

Unequalled for Economy,

Strength and Durability.

Our stock of BOILERS extends both

PORTABLE and STATIONARY

IN ALL SIZES.

We claim superiority in point of quality of

iron and in general construction, and invite the

inspection of all operators.

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Office at Newton House, Titusville, Pa. 3rd St.

J. C. HOADLEY & CO.,

LAWRENCE, MASS.,

Steam Engine and Boiler Works.

Stationary and Portable, with or without

boilers, made from the celebrated

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IRON WORKS.

PETROLEUM IRON WORKS!

BRYAN, DILLINGHAM & CO.,

MACHINISTS,

Iron & Brass Founders, Forgers.

Engines, Boilers, Drilling Tools,

Circular, Mule and Sash Saw

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ing Beam and Band

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Flows, and all kinds of Castings

Pattern and Shell Dealers in

all kinds of Iron and Steel.

BRASS FOUNDRY AND BRASS

FURNISHING ROOM,

Where we do all kinds of Brass work.

NEW BOILER'S

TANKS, STEEL, BOILERS AND MAKING

ALL KINDS OF IRON AND STEEL

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Stationary and Portable, with or without

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FINANCIAL.

SECOND NATIONAL BANK

OF TITUSVILLE, PA.

Capital \$200,000.

\$500,000

IN GOVERNMENT BONDS

Deposited with the United States Treasurer to

secure Bids and Deposits.

Certificates of Deposit

Will be issued, bearing

SIX PER CENT. INTEREST

from the first of the next month after the date of

the certificate.

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Titusville Morning Herald

Tuesday, August 8, 1871.

REPUBLICAN STATE TICKET.

FOR AUDITOR GENERAL.

DAVID STANTON, OF BEAVER CO.

FOR SURVEYOR GENERAL.

ROBERT B. BEATH, OF SCHUYLKILL.

REPUBLICAN COUNTY TICKET.

For Representatives.

DR. J. H. GRAY.

W. R. GILMAN.

For Treasurer.

L. E. HART.

For Commissioners.

TITUS RUDWAY.

For Auditor.

D. W. WILLIAMS.

Boiler Explosions.

Since the explosion of the boiler on

board the States Island ferry boat West-

field, which killed and wounded about

150 persons, the "wise men of the east"

have given most exhaustive, ambiguous

and learned dissertations through the pub-

lic journals on the cause of that calamity.

The consequence is, that they have raised

a very serious doubt as to whether steam is

a dangerous power, or whether steam is any

safer to handle, than fulminating powder

or nitro-glycerine. In a place like the

Old Region, where we are surrounded by a

forest of derricks, and nearly every derrick

has its steam boiler, the truth or

falsity of their statements is of the utmost

importance. Without going into the in-

tricate details of the numerous theories

advanced, we will give a few practical

hints which are supposed to be known by

every competent engineer in charge of a

boiler. It has often been justly claimed

that a much larger proportion of explosions

have occurred from an excess of pressure,

than from low water in the boiler, faulty

construction, unequal expansion, or any

molecular or atomic change in the iron

itself. As an illustration, we may refer

to the recent boiler explosion on Church

Rac, where a few days previous to the ex-

plosion, 170 pounds of steam were carried on

an old and worn shell, which, when

under the usual pressure, was only cal-

culated to stand with safety 100 pounds to the square inch.

In the case of Westfield, however, an ob-

servation was made, that even ordinary

diligence was exercised to guard against

excessive pressure, by the colored man

Robinson, whom Mr. Vanderbilt, to his

own expression, "considered the best

engineer in the service of the company."

It is a very natural for a wealthy and in-

dustrial company, like the one in question,

to employ the highest talent in the country

to suddenly conjure up and exhibit before

the public the most intricate and impos-

sible theories concerning the cause of boiler

explosions, and further to mystify the

legal authorities not versed in such sub-

jects, into the belief that their man

Robinson, and consequently they themselves

are blameless. It is also very natural for

the public to be overawed by improbable

theories emanating from high scientific

authority, rather than accept plain and

simple, unadorned matters of fact. It

however appears from the evidence that

the safety valve of the Westfield boiler

was in a "locking condition," and was

so badly corroded that it could not be relied

upon to indicate pressure, and also that

Robinson had tampered with the locked

gauge, and he had therefore no means of

approximating the probable pressure. In

fact the pressure of the boiler might have

been double what he was legally allowed

to carry, without his being aware of it.

This having been proved, the probable

cause of the explosion is self-evident, and

there is no necessity for launching out

into theories much less capable of proof.

We have a very certain method of de-

BY TELEGRAPH

ASSOCIATED PRESS REPORTS.

By the Western Union Line

The Westfield Investigation.

New York, August 7.

Michael Eager, a dock hand, was stand-

ing on the stem of the boat when the

explosion took place, and does not re-

member hearing the safety valve blow,

he saw no liquid traces that the steam

was under pressure. James Hilday, a dock hand, had seen

drivers of larger boats pass a key and

give to the dock hands and engine-

ers, in a minute or two, the steam

containing about two quarts, but he seldom

saw the engine men stop.

Two of the dock hands testified to seeing

the engine men go forward to the boat

about eight or ten minutes before the explosion.

The inspectors hope to conclude the in-

vestigation with to-morrow morning's

report. The Ontario and Quebec

Railway Company, who are in charge of the

investigation, are in charge of the

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Weather Report.

WASHINGTON, August 7.

The barometer has fallen since Sunday

afternoon slightly at the Rocky Moun-

tain, and is now at 30.05, with a light

breeze from the west. The weather is

fair, with a few clouds. The wind is

from the west, and the sea is calm.

The temperature is 75 degrees.

The humidity is 75 percent.

The visibility is 10 miles.

The wind is from the west, and the

sea is calm. The temperature is 75

degrees. The humidity is 75 percent.

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